



STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAII 96804

Date: 03/23/2018

Time: 03:00 PM

Location: 229

Committee: Senate Education
Senate Economic Development, Tourism, and
Technology

Department: Education

Person Testifying: Dr. Christina M. Kishimoto, Superintendent of Education

Title of Resolution: SCR 159 REQUESTING THE DEPARTMENT OF EDUCATION TO CONVENE A COMPUTER SCIENCE TASK FORCE TO REVIEW COMPUTER SCIENCE PROGRAMS IN HAWAII'S PUBLIC SCHOOLS AND TO SUPPORT, STRENGTHEN, AND ESTABLISH PARTNERSHIPS AMONG EDUCATIONAL INSTITUTIONS, INDUSTRIES, AND BUSINESSES TO IMPROVE COMPUTER SCIENCE PROGRAMS.

**Purpose of
Resolution:**

Department's Position:

The Department of Education strongly supports SCR 159. The Department looks forward to participating in the Computer Science Task Force and partnering with key members to provide a multitude of learning options for students and teachers. In addition, the Department is excited about the networking possibilities with industry, business, institutes of higher education, and government entities to provide venues for internships, apprenticeships, and externships.

Currently, the Department is developing a multi-year comprehensive action plan. This plan will identify K-12 curriculum, software, and technologies. To ensure equitable and expanded access to computer science learning opportunities for K-12 students by 2022, the Department is addressing the following eight deliverables:

- 1) Adoption of Computer Science Standards aligned to national efforts,
- 2) Development of single courses and pathway courses for maximum student access,
- 3) Identification of standards-based curricular resources,
- 4) Quality K-12 professional development in computer science including fellowships and externships for teachers,
- 5) A schedule of academic competitions in partnership with business, industry and government,
- 6) Expansion of regional and school-based student demonstrations,

- 7) Increased partnerships for access to meaningful internship and apprentice models, and
- 8) Improved career counseling and information sharing around current and emerging computer science related work and study opportunities in Hawaii.

Thank you for this opportunity to provide testimony on SCR 159.

The Hawaii State Department of Education seeks to advance the goals of the Strategic Plan which is focused on student success, staff success, and successful systems of support. This is achieved through targeted work around three impact strategies: school design, student voice, and teacher collaboration. Detailed information is available at www.hawaiipublicschools.org.

SCR-159

Submitted on: 3/20/2018 3:55:39 PM

Testimony for EDU on 3/23/2018 3:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Javier Mendez-Alvarez	Individual	Support	No

Comments:

SCR-159

Submitted on: 3/21/2018 9:55:20 PM

Testimony for EDU on 3/23/2018 3:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Melodie Aduja	Testifying for Oahu County Committee on Legislative Priorities of the Democratic Party of Hawai'i	Support	No

Comments:



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Testimony Presented Before the
Senate Committees on Education and
Economic Development, Tourism, and Technology
March 23, 2018 at 3:00 p.m.

By
Donald O. Straney
Vice President of Academic Planning and Policy
University of Hawai'i System

SCR 159 – REQUESTING THE DEPARTMENT OF EDUCATION TO CONVENE A COMPUTER SCIENCE TASK FORCE TO REVIEW COMPUTER SCIENCE PROGRAMS IN HAWAII'S PUBLIC SCHOOLS AND TO SUPPORT, STRENGTHEN, AND ESTABLISH PARTNERSHIPS AMONG EDUCATIONAL INSTITUTIONS, INDUSTRIES, AND BUSINESSES TO IMPROVE COMPUTER SCIENCE PROGRAMS.

Chairs Kidani and Wakai, Vice Chairs Kahele and Taniguchi, and members of the committeeS:

Thank you for the opportunity to provide these comments on SCR 159 that recognizes the importance of computer science education and identifies computer related jobs as a fast-growing field of employment.

The University is supportive of strengthening computer science readiness among Hawai'i's students, and we are very willing to collaborate with the Department of Education in their efforts to promote computer science education.

Thank you for the opportunity to provide these comments.